PTOL-413A (08-03)
Approved for use through 07/31/2006. OMB 0651-0031
U.S. Patent and Trademark Office: U.S. DEPARTMENTOF COMMERCE

Applicant Initiated Interview Request Form

Application No.: 10/730,929 First Named Applicant: Kang Soo SEO et al.
Examiner: Nathan Hillery Art Unit: 2176 Status of Application: Pending

Tentative Participants:
(1) **Terry Clark** (2) **Nathan Hillery**
(3) (4)

Proposed Date of Interview: Jan. 11, 2010 **Proposed Time: 1:00** (AM☐/PM☒)

Type of Interview Requested:
(1) ☒ Telephonic (2) ☐ Personal (3) ☐ Video Conference

Exhibit To Be Shown or Demonstrated: ☐ YES ☒ NO
If yes, provide brief description:

Issues To Be Discussed

Issues (Rej., Obj., etc)	Claims/ Fig. #s	Prior Art
(1) 35 U.S.C. 103(a) (US 7174560)	39, 57, 61, & 66	Tsukagoshi et al. (US 5848217) & Crinon et al.
(2) 35U.S.C. 103(a) (US 7174560) & Jung et al. (US 20040081434)	42-45, 58-60, 62-65 & 67-69	Tsukagoshi et al. (US 5848217) & Crinon et al.
(3)		
(4)		

☐ Continuation Sheet Attached

Brief Description of Arguments to be Presented:
1. Proposed Claim Amendments (as attached)
2. Distinctions in proposed claims over the cited art

An interview was conducted on the above-identified application on 1/11/10 .

NOTE:
This form should be completed by applicant and submitted to the examiner in advance of the interview (see MPEP § 713.01).
This application will not be delayed from issue because of applicant's failure to submit a written record of this interview. Therefore, applicant is advised to file a statement of the substance of this interview (37 CFR 1.133(b)) as soon as possible.

(Applicant/Applicant's Representative Signature) (Examiner/SPE Signature)

Proposed Claim Amendments for Discussions Purposes Only

1. – 38. (Cancelled)

39. (Currently Amended) A method for reproducing video data in synchronization with text-based subtitle data ~~at a presentation apparatus~~, comprising:

reading video data including presentation time stamp (PTS) and program clock reference (PCR) ~~from a recording medium~~,

reading text-based subtitle data including the presentation time stamp (PTS) ~~from a recording medium, the text-based data~~ but not including the program clock reference (PCR); and

~~displaying the text-based data synchronized with the video data using the presentation time stamp (PTS) of the video data and text data read from the recording medium~~

wherein a system time base of the video data being defined by the program clock reference (PCR), and the system time base of the text-based subtitle data not being defined by the program clock reference (PCR), an initial value of the system time base of the text-based subtitle data being defined by a start presentation time stamp (PTS) of first text unit in the text-based subtitle data, and initial presentation time stamp (PTS) of the text-based subtitle data being identical to or greater than the initial presentation time stamp (PTS) of the video data when the text-based subtitle data is to be reproduced in synchronization with the video data using the presentation time stamp (PTS) of the video data and the presentation time stamp (PTS) of the text-based subtitle data.

40. – 41. (Cancelled)

42. (Previously Presented) The method set forth in claim 39, wherein the text-based data is a subtitle data written in a mark-up language.

43. (Previously Presented) The method set forth in claim 39, wherein a time resolution of the text-based data is lower than the time resolution of the video data.

44. (Previously Presented) The method set forth in claim 43, wherein the time resolution of the text-based data is of the order of several milliseconds.

45. (Previously Presented) The method set forth in claim 39, wherein the text-based data is recorded on the recording medium or provided by an external source through a network.

46. - 56. (Cancelled)

57. (Currently Amended) An apparatus for reproducing video data in synchronization with text-based subtitle data, comprising:

a pickup configured to read the video data and the text-based subtitle data from a recording medium; and

a controller configured to control the pickup to read the video data including presentation time stamp (PTS) and program clock reference (PCR),

and read the text-based subtitle data including the presentation time stamp (PTS), ~~the text-based data~~ but not including the program clock reference (PCR).

~~wherein the text-based data is synchronized with the video data using the presentation time stamp (PTS) of the video data and text data read from the recording medium~~

wherein a system time base of the video data being defined by the program clock reference (PCR), and the system time base of the text-based subtitle data not being defined by the program clock reference (PCR), an initial value of the system time base of the text-based subtitle data being defined by a start presentation time stamp (PTS) of first text unit in the text-based subtitle data, and initial presentation time stamp (PTS) of the text-based subtitle data being identical to or greater than the initial presentation time stamp (PTS) of the video data when the text-based subtitle data is to be reproduced in synchronization with the video data using the presentation time stamp (PTS) of the video data and the presentation time stamp (PTS) of the text-based subtitle data.

58. (Previously Presented) The apparatus set forth in claim 39, wherein a time resolution of the text-based data is lower than the time resolution of the video data.

59. (Previously Presented) The apparatus set forth in claim 58, wherein the time resolution of the text-based data is of the order of several milliseconds.

60. (Previously Presented) The apparatus set forth in claim 57, wherein the controller is configured to control the pickup to read the text-based data which is recorded on the recording medium or provided by an external source through a network.

61. (Currently Amended) A method for recording video data ~~in synchronization~~ with text-based subtitle data, comprising:

recording the video data including presentation time stamp (PTS) and program clock reference (PCR), and text-based subtitle data including the presentation time stamp (PTS), ~~the text-based data~~ but not including the program clock reference (PCR), ~~; and~~

~~recording the text-based data synchronized with the video data using the presentation time stamp (PTS) of the video data and text data~~

wherein a system time base of the video data being defined by the program clock reference (PCR), and the system time base of the text-based subtitle data not being defined by the program clock reference (PCR), an initial value of the system time base of the text-based subtitle data being defined by a start presentation time stamp (PTS) of first text unit in the text-based subtitle data, and initial presentation time stamp (PTS) of the text-based subtitle data being identical to or greater than the initial presentation time stamp (PTS) of the video data when the text-based subtitle data is to be reproduced in synchronization with the video data using the presentation time stamp (PTS) of the video data and the presentation time stamp (PTS) of the text-based subtitle data.

62. (Previously Presented) The method set forth in claim 61, wherein the text-based data is subtitle data written in a mark-up language.

63. (Previously Presented) The method set forth in claim 61, wherein a time resolution of the text-based data is lower than the time resolution of the video data.

64. (Previously Presented) The method set forth in claim 62, wherein the time resolution of the text-based data is of the order of several milliseconds.

65. (Previously Presented) The method set forth in claim 61, wherein the text-based data is recorded on the recording medium or provided by an external source through a network.

66. (Currently Amended) An apparatus for recording video data ~~in synchronization~~ with text-based data, comprising:

a pickup configured to record the video data and the text-based subtitle data; and

a controller configured to control the pickup to record the video data including presentation time stamp (PTS) and program clock reference (PCR), and the text-based subtitle data including the presentation time stamp (PTS), ~~the text-based data~~ but not including the program clock reference (PCR),

~~wherein the text-based data is synchronized with the video data using the presentation time stamp (PTS) of the video data and text data~~

wherein a system time base of the video data being defined by the program clock reference (PCR), and the system time base of the text-based subtitle data not being defined by the program clock reference (PCR), an initial value of the system time base of the text-based subtitle data being defined by a start presentation time stamp (PTS) of first text unit in the text-based subtitle data, and initial presentation time stamp (PTS) of the text-based subtitle data being identical to or greater than the initial presentation time stamp (PTS) of the video data when the text-based subtitle data is to be reproduced in synchronization with the video data using the presentation time stamp (PTS) of the video data and the presentation time stamp (PTS) of the text-based subtitle data.

67. (Previously Presented) The apparatus set forth in claim 66, wherein the a time resolution of the text-based data is lower than the time resolution of the video data.

68. (Previously Presented) The apparatus set forth in claim 67, wherein the time resolution of the text-based data is of the order of several milliseconds.

69. (Previously Presented) The apparatus set forth in claim 66, wherein the controller is configured to control the pickup to record the text-based data which is provided by an external source through a network.